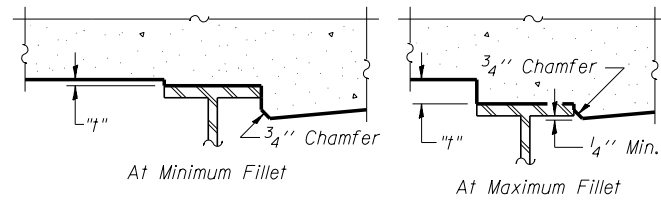


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown herein and on sheets SA8 & SA9. Negative values indicate an upward deflection.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown herein, and on sheet SA6. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown herein, and on sheets SA8 & SA9, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	40+40.94	-34.79	622.65	622.65
☉ Brg. S. Abut.	40+43.73	-34.79	622.66	622.66
1A	40+53.73	-34.79	622.72	622.79
1B	40+63.73	-34.79	622.76	622.88
1C	40+73.73	-34.79	622.80	622.96
1D	40+83.73	-34.79	622.83	623.00
1E	40+93.73	-34.79	622.85	623.01
1F	41+03.73	-34.79	622.86	623.00
1G	41+13.73	-34.79	622.86	622.96
1H	41+23.73	-34.79	622.86	622.90
☉ Brg. Pier 1	41+36.02	-34.79	622.84	622.84
2A	41+46.02	-34.79	622.81	622.79
2B	41+56.02	-34.79	622.78	622.75
2C	41+66.02	-34.79	622.74	622.71
2D	41+76.02	-34.79	622.68	622.66
2E	41+86.02	-34.79	622.62	622.60
2F	41+96.02	-34.79	622.55	622.53
2G	42+06.02	-34.79	622.48	622.47
☉ Brg. Pier 2	42+13.10	-34.79	622.42	622.42
3A	42+23.10	-34.79	622.33	622.36
3B	42+33.10	-34.79	622.24	622.30
3C	42+43.10	-34.79	622.15	622.24
3D	42+53.10	-34.79	622.06	622.17
3E	42+63.10	-34.79	621.97	622.08
3F	42+73.10	-34.79	621.88	621.97
3G	42+83.10	-34.79	621.79	621.85
☉ Brg. N. Abut.	42+96.89	-34.79	621.66	621.66
Bk. N. Abut.	42+99.68	-34.79	621.64	621.64

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	40+39.50	-26.29	622.81	622.81
☉ Brg. S. Abut.	40+42.29	-26.29	622.83	622.83
1A	40+52.29	-26.29	622.88	622.95
1B	40+62.29	-26.29	622.93	623.05
1C	40+72.29	-26.29	622.97	623.12
1D	40+82.29	-26.29	623.00	623.17
1E	40+92.29	-26.29	623.02	623.18
1F	41+02.29	-26.29	623.03	623.17
1G	41+12.29	-26.29	623.03	623.13
1H	41+22.29	-26.29	623.03	623.08
☉ Brg. Pier 1	41+34.58	-26.29	623.01	623.01
2A	41+44.58	-26.29	622.99	622.97
2B	41+54.58	-26.29	622.95	622.93
2C	41+64.58	-26.29	622.91	622.89
2D	41+74.58	-26.29	622.86	622.84
2E	41+84.58	-26.29	622.80	622.78
2F	41+94.58	-26.29	622.73	622.71
2G	42+04.58	-26.29	622.66	622.65
☉ Brg. Pier 2	42+11.66	-26.29	622.60	622.60
3A	42+21.66	-26.29	622.51	622.54
3B	42+31.66	-26.29	622.42	622.48
3C	42+41.66	-26.29	622.33	622.42
3D	42+51.66	-26.29	622.24	622.35
3E	42+61.66	-26.29	622.15	622.26
3F	42+71.66	-26.29	622.06	622.15
3G	42+81.66	-26.29	621.97	622.03
☉ Brg. N. Abut.	42+95.45	-26.29	621.85	621.85
Bk. N. Abut.	42+98.24	-26.29	621.82	621.82

FILE NAME =	USER NAME = ksnyder	DESIGNED - KWS	REVISED -
0161510.60W77.007.TOS.Elev.1.dgn		CHECKED - SLV	REVISED -
	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 6/23/2014	CHECKED - SLV	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	72
CONTRACT NO. 60W77			ILLINOIS FED. AID PROJECT	